

## Electronic Patent Application Fee Transmittal

|                                             |                                           |                 |               |                             |
|---------------------------------------------|-------------------------------------------|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>                  | 10702415                                  |                 |               |                             |
| <b>Filing Date:</b>                         | 06-Nov-2003                               |                 |               |                             |
| <b>Title of Invention:</b>                  | Signal processing for twang and resonance |                 |               |                             |
| <b>First Named Inventor/Applicant Name:</b> | Lester F. Ludwig                          |                 |               |                             |
| <b>Filer:</b>                               | Jeffrey John Lotspeich/Michael Boyd       |                 |               |                             |
| <b>Attorney Docket Number:</b>              | 2152-3030                                 |                 |               |                             |
| Filed as Small Entity                       |                                           |                 |               |                             |
| <b>Utility      Filing Fees</b>             |                                           |                 |               |                             |
| <b>Description</b>                          | <b>Fee Code</b>                           | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                        |                                           |                 |               |                             |
| <b>Pages:</b>                               |                                           |                 |               |                             |
| <b>Claims:</b>                              |                                           |                 |               |                             |
| <b>Miscellaneous-Filing:</b>                |                                           |                 |               |                             |
| <b>Petition:</b>                            |                                           |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b>     |                                           |                 |               |                             |
| <b>Post-Allowance-and-Post-Issuance:</b>    |                                           |                 |               |                             |
| <b>Extension-of-Time:</b>                   |                                           |                 |               |                             |
| Extension - 3 months with \$0 paid          | 2253                                      | 1               | 525           | 525                         |

| Description       | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-------------------|----------|----------|--------|----------------------|
| Miscellaneous:    |          |          |        |                      |
| Total in USD (\$) |          |          |        | 525                  |